



Attorney Docket No. Serial No. 09/928,386 Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office 1650.65513 Applicant: Arthur Palmer INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Filing Date: August 13, 2001 Group No. 3762 U.S. PATENT DOCUMENTS Examiner Document No. Name Class Subclass initial* 0 July 25, 1989 Slonina FOREIGN PATENT DOCUMENTS Document No. Class Date Country Subclass Yes No January 14, 1998 Europe Х OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Left Ventricular Assist Devices Management of End-Stage Heart Disease Chapter 16 1998 Pages 197-211 Argenziano et al. **Total Artificial Heart** Management of End-Stage Heart Disease Chapter 17 Pages 213-219 1998 Kung **Axial Flow Pumps** Management of End-Stage Heart Disease Chapter 18 Pages 221-227 Fraxier 1998 An electromagnetically driven Artificial Heart 3 Pages 87-91 Nitta et al. 1990 Chapter 10 univalved artificial heart Development of artificial heart Artificial Heart 3 Chapter 12 Pages 101-105 Umezu et al. 1990 With left and right ventricles using S linear pulse motor Preliminary study - Optimization Artificial Heart 3 Chapter 13 Pages 107-114 Umexu et al. 1990 of spiral vortex blood pump Development of an artificial heart Artificial Heart 3 Chapter 17 Pages 137-142 Imachi et al. 1990 actuator for a compliance chamberless blood pump Toward a totally implantable artificial Artificial Heart 3 Chapter 18 Pages 147-164 Nakamura et al. 1990 heart: Development status at Cleveland Clinic Artificial Heart 3 Pages 183-197 Motor-driven, computer-controlled Chapter 21 Nakamura et al. 1990 implantable cardiac assist device -An optical encoer for feedback control The Penn State Implantable Artificial Heart 3 Chapter 24 Pages 205-212 Snyder et al. 1990 artificial heart: Current status Design of moving-actuator total Artificial Heart 3 1990 Chapter 27 Pages 229-233 Goo Min et al. 1990 Philadelphia Heart System Artificial Heart 3 Page 342 Unknown (Cardiac Systems, Japan Medical Supply)



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Tohoku University TH-7B pneumatically Artificial Heart 3 Driven sac-type ventricular assist device System and newly developed vibrating electromagnetic pump

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